AMENDMENTS TO THE CLAIMS

Please cancel claims 1-53 and add claims 54-101. A complete listing of claims pending in the application following entry of this Amendment are presented as follows:

1-53. (Cancelled)

54. (New) A fluid system for an article of footwear, the fluid system comprising a first sheet and a second sheet formed from a polymer material, the first sheet and the second sheet being bonded together to define at least one bond, the at least one bond separating (a) a pump chamber and (b) a pressure chamber that extends around at least a portion of the pump chamber and is positioned adjacent the pump chamber, the pump chamber and the pressure chamber being formed as unbonded areas between the first sheet and the second sheet, and the at least one bond defining a fluid path extending between the pump chamber and the pressure chamber to place the pump chamber and the pressure chamber in fluid communication.

55. (New) The fluid system recited in claim 54, wherein the pressure chamber has a curved configuration that defines an interior area within the curved configuration, the pump chamber is positioned within the interior area.

56. (New) The fluid system recited in claim 54, wherein a top portion of the pressure chamber extends above the pump chamber.

57. (New) The fluid system recited in claim 54, wherein a top portion of the pump chamber extends above the pressure chamber.

58. (New) The fluid system recited in claim 54, wherein a valve is positioned between the first sheet and the second sheet and within the fluid path to permit fluid flow from the pump chamber to the pressure chamber and to limit fluid flow from the pressure chamber to the pump chamber.

59. (New) The fluid system recited in claim 58, wherein the valve is formed from at least one layer of polymer material.

60. (New) The fluid system recited in claim 58, wherein the valve includes an inlet that is biased open with at least one weld bead positioned within the inlet.

61. (New) The fluid system recited in claim 54, wherein another fluid path with a filter assembly extends from an exterior of the fluid system to the pump chamber to place the pump chamber in fluid communication with the exterior of the footwear.

62. (New) The fluid system recited in claim 61, wherein the filter assembly includes a filter material that permits air to enter the fluid system and restricts liquids and particulates from entering the fluid system.

63. (New) The fluid system recited in claim 62, wherein the filter material includes a polytetrafluoroethylene material.

64. (New) The fluid system recited in claim 54, wherein the fluid system is formed through a thermoforming process.

65. (New) The fluid system recited in claim 54, wherein the fluid path consists of a conduit and a valve.

66. (New) The fluid system recited in claim 54, wherein a fluid inlet for the fluid system is in fluid communication with the pump chamber, the fluid inlet being separate from the pump chamber.

67. (New) A fluid system for an article of footwear, the fluid system comprising:

a first sheet and a second sheet formed from a polymer material, the first sheet and the second sheet being bonded together to define:

a pump chamber,

a pressure chamber having a U-shaped configuration that extends around at least a portion of the pump chamber,

a fluid path extending between the pump chamber and the pressure chamber to place the pump chamber and the pressure chamber in fluid communication, and

an inlet for the fluid system that places ambient air in fluid communication with the pump chamber; and

a valve positioned between the first sheet and the second sheet and within the fluid path to permit fluid flow from the pump chamber to the pressure chamber and to limit fluid flow from the pressure chamber to the pump chamber,

wherein a bond between the first sheet and the second sheet separates the pump chamber and the pressure chamber and prevents fluid from passing between the pump chamber and the pressure chamber except through the fluid path.

68. (New) The fluid system recited in claim 67, wherein a top portion of the pressure chamber extends above the pump chamber

69. (New) The fluid system recited in claim 67, wherein a top portion of the pump chamber extends above the pressure chamber.

70. (New) The fluid system recited in claim 67, wherein the fluid path consists of a conduit and the valve.

71. (New) A fluid system for an article of footwear, the fluid system comprising:

a pressure chamber having a U-shaped configuration that defines a central area;

a pump chamber at least partially positioned in the central area of the pressure chamber such that the pressure chamber extends at least partially around the pump chamber;

a fluid path extending between the pressure chamber and the pump chamber to place the pressure chamber and the pump chamber in fluid communication; and

a valve positioned within the fluid path to permit fluid flow from the pump chamber to the pressure chamber and to substantially prevent fluid flow from the pressure chamber to the pump chamber.

72. (New) The fluid system recited in claim 71, wherein bonds between a pair of polymer sheets define the pressure chamber, the pump chamber, and the fluid path.

73. (New) The fluid system recited in claim 72, wherein at least one of the bonds extends between the pressure chamber and the pump chamber to separate fluid in the pressure chamber from fluid in the pump chamber.

74. (New) The fluid system recited in claim 71, wherein another fluid path with a filter assembly extends from an exterior of the fluid system to the pump chamber to place the pump chamber in fluid communication with the exterior of the fluid system.

75. (New) The fluid system recited in claim 74, wherein the filter assembly includes a filter material that permits air to enter the fluid system and restricts liquids and particulates from entering the fluid system.

76. (New) The fluid system recited in claim 75, wherein the filter material includes a polytetrafluoroethylene material.

77. (New) The fluid system recited in claim 71, wherein the fluid path consists of a conduit and the valve.

78. (New) The fluid system recited in claim 71, wherein a top portion of the pressure chamber extends above the pump chamber.

79. (New) The fluid system recited in claim 71, wherein a top portion of the pump chamber extends above the pressure chamber.

80. (New) The fluid system recited in claim 71, wherein a bottom portion of the pressure chamber extends below the pump chamber.

81. (New) An article of footwear having an upper and a sole structure, the sole structure comprising:

a polymer foam material; and

a fluid system at least partially encapsulated within the polymer foam material, the fluid system including:

a pump chamber having a side portion, a top portion, and a bottom portion;

a pressure chamber having a U-shaped configuration that extends at least partially around the side portion of the pump chamber, and the pressure chamber extending above the top portion of the pump chamber;

a first fluid path extending between the pump chamber and the pressure chamber to place the pump chamber and the pressure chamber in fluid communication,

a first valve positioned within the first fluid path to permit fluid flow from the pump chamber to the pressure chamber and to limit fluid flow from the pressure chamber to the pump chamber,

a second fluid path extending from an exterior of the footwear to the pump chamber to place the pump chamber in fluid communication with the exterior of the footwear, and

a second valve positioned within the second fluid path to permit fluid flow from the exterior to the pump chamber and to limit fluid flow from the pump chamber to the exterior,

wherein bonds between a pair of polymer sheets define the pump chamber, the pressure chamber, the first fluid path, and the second fluid path, at least one of the bonds extending between the pump chamber and the pressure chamber to separate the pump chamber from the pressure chamber, and the first valve and the second valve being positioned between the polymer sheets.

82. (New) The article of footwear recited in claim 81, wherein each of the first valve and the second valve is formed from at least one layer of polymer material.

83. (New) The article of footwear recited in claim 81, wherein a filter is positioned in the second fluid path.

84. (New) The article of footwear recited in claim 83, wherein the filter includes a filter material that permits air to enter the fluid system and restricts liquids and particulates from entering the fluid system.

85. (New) The article of footwear recited in claim 81, wherein the pressure chamber extends below the bottom portion of the pump chamber.

86. (New) The article of footwear recited in claim 81, wherein the first fluid path and the second fluid path are conduits.

87. (New) The article of footwear recited in claim 81, wherein the second fluid path consists of a conduit and the second valve.

88. (New) A fluid system for an article of footwear, the fluid system comprising:

a pressure chamber having a concave area with a concave configuration;

a pump chamber at least partially positioned within the concave area of the pressure chamber such that the pressure chamber extends at least partially around the pump chamber;

a fluid path extending between the pressure chamber and the pump chamber to place the pressure chamber and the pump chamber in fluid communication; and

a valve positioned within the fluid path to permit fluid flow from the pump chamber to the pressure chamber and to substantially prevent fluid flow from the pressure chamber to the pump chamber,

wherein bonds between a pair of polymer sheets define the pressure chamber, the pump chamber, and the fluid path, and at least one of the bonds extends between the pressure chamber and the pump chamber to separate fluid in the pressure chamber from fluid in the pump chamber.

89. (New) The fluid system recited in claim 88, wherein another fluid path with a filter assembly extends from an exterior of the fluid system to the pump chamber to place the pump chamber in fluid communication with the exterior of the fluid system.

90. (New) The fluid system recited in claim 89, wherein the filter assembly includes a filter material that permits air to enter the fluid system and restricts liquids and particulates from entering the fluid system.

91. (New) The fluid system recited in claim 90, wherein the filter material includes a polytetrafluoroethylene material.

92. (New) The fluid system recited in claim 88, wherein the fluid path consists of a conduit and the valve.

93. (New) The fluid system recited in claim 88, wherein a top portion of the pressure chamber extends above the pump chamber.

94. (New) The fluid system recited in claim 88, wherein a top portion of the pump chamber extends above the pressure chamber.

95. (New) The fluid system recited in claim 88, wherein a bottom portion of the pressure chamber extends below the pump chamber.

96. (New) A fluid system for an article of footwear, the fluid system comprising a pair of polymer sheets joined together by at least one bond to define a pump chamber, a pressure chamber, and a fluid path extending between the pump chamber and the pressure chamber, the at least one bond extending between the pump chamber and the pressure chamber to separate fluid in the pump chamber from fluid in the pressure chamber, and the fluid system including a valve positioned in the fluid path to permit fluid flow from the pump chamber to the pressure chamber and to limit fluid flow from the pressure chamber to the pump chamber.

97. (New) The article of footwear recited in claim 96, wherein the pressure chamber extends below the bottom portion of the pump chamber.

98. (New) The article of footwear recited in claim 96, wherein the first fluid path and the second fluid path are conduits.

99. (New) The article of footwear recited in claim 96, wherein the second fluid path consists of a conduit and the second valve.

100. (New) The fluid system recited in claim 96, wherein the fluid path consists of a conduit and the valve.

101. (New) The fluid system recited in claim 96, wherein the pressure chamber has a U-shaped configuration that extends around at least a portion of the pump chamber.